# 3-TIER CACHING ARCHITECTURE

```
Query → L1: In-Memory
         <1ms
         1000 entries

L1 --Miss--> L2: Redis
             1-5ms
             1M entries

L1 --Hit--> Response

L2 --Miss--> L3: PostgreSQL
             10-50ms
             Unlimited

L2 --Hit--> Response

L3 --Hit--> Response

L3 --Miss--> Fetch from source
```